

**WHAT IS CLAIMED IS:**

1. A disk apparatus for setting to a counter a count value corresponding to the number of tracks to jump over, subtracting the count value each time a rising or trailing edge is detected in a zero-cross signal, and applying brake to finish jump when the count

5 value reaches 0, comprising:

level determining means for determining a level of the zero-cross signal; and adding means for incrementing the count value depending upon the level.

2. A disk apparatus according to claim 1, further including track determining means to determine to which one jump is to be made of a land or a groove.

10 3. A disk apparatus according to claim 1, further including direction determining means to determine in which one a pickup is to move of an outward direction or an inward direction of a disk.

15 4. A disk apparatus according to claim 1, wherein, where a pickup is moving in an outward direction of a disk, said adding means increments the count value when a land is determined and the level is in a low level, and increments the count value when a groove is determined and the level is in a high level.

20 5. A disk apparatus according to claim 4, wherein, where a pickup is moving in an inward direction of a disk, said adding means increments the count value when a land is determined and the level is in a high level, and increments the count value when a groove is determined and the level is in a low level.

6. A disk apparatus according to claim 1, wherein said level determining means determines the level when the count value reaches a predetermined value.

25 7. A disk apparatus according to claim 1, wherein said level determining means determines the level prior to setting the count value and starting jump.